

## WEST Search History

DATE: Thursday, September 26, 2002

**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

L17	L16 AND (QUATERNARY ADJ AMMONIUM ADJ COMPOUND\$)	4	L17
L16	L15 AND ANTI ADJ MICROBIAL\$	21	L16
L15	WIPE\$.TI.	19999	L15
L14	L13 AND (ANTI ADJ MICROBIAL)	19	L14
L13	L12 AND LATEX	119	L13
L12	WIPE\$ AND (QUATERNARY ADJ AMMONIUM ADJ COMPOUND\$)	630	L12
L11	L10 AND LATEX\$	455	L11
L10	(WIPE\$ OR SANITISE\$ OR SANITIZER\$ OR TISSUE\$ OR CLOTH\$)AND QUATERNARY ADJ AMMONIUM ADJ COMPOUND\$	4571	L10
L9	L8 AND LATEX ADJ ADHESIVE	3	L9
L8	(WIPE\$ OR SANITISE\$ OR SANITIZER\$ OR TISSUE\$ OR CLOTH\$)AND CALCIUM ADJ HYPOCHLORITE\$	585	L8
L7	L6 AND LATEX\$	9	L7
L6	WIPE\$ AND CALCIUM ADJ HYPOCHLORITE\$	50	L6
L5	WIPE\$ AND (SILVER ADJ ZEOLITE)	13	L5
L4	L3 AND (LATEX ADJ ADHESIVE)	2	L4
L3	L2 AND (SILVER ADJ ZEOLITE)	43	L3
L2	(WIPER OR SANITISER OR SANITIZER OR TISSUE OR CLOTH)	511715	L2
L1	(HYCAR ADJ RLP ADJ RESIN)	1	L1

END OF SEARCH HISTORY

09/7451499.

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*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

L9	L6 and blade adj appl\$	0	L9
L8	L6 and foam adj apply\$	0	L8
L7	L6 and print adj crepe\$	0	L7
L6	( web or sheet or paper or wipe or wiper or cloth or tissue) and antimicrobial adj formulation\$	91	L6
L5	L1 and foam adj apply\$	0	L5
L4	l1 and print adj crepe\$	0	L4
L3	L2 and spray\$	10	L3
L2	L1 and ( web or sheet )	17	L2
L1	antimicrobial adj formulation\$	159	L1

END OF SEARCH HISTORY

Generate Collection

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## Search Results - Record(s) 1 through 4 of 4 returned.

- ☐ 1. 20020022050. 22 Dec 00. 21 Feb 02. Wiper containing a controlled-release anti-microbial agent. Anderson, Ralph L., et al. 424/443; 424/617 424/618 424/661 A61K009/70 A61K033/24 A61K033/38 A61K033/14.
- ☐ 2. 5094770. 03 Aug 90; 10 Mar 92. Method of preparing a substantially dry cleaning wipe. Sheridan; Christopher H., et al. 15/104.93; 252/88.2 510/238 510/241 510/242 510/244 510/394. C11D011/00 C11D001/62 C11D001/835 C11D017/06.
- ☐ 3. 4946617. 15 Nov 88; 07 Aug 90. Substantially dry cleaning wipe capable of rendering a cleaned surface static free. Sheridan; Christopher H., et al. 15/104.93; 252/88.2 510/394 510/413 510/504 510/505. C11D001/62 C11D001/835 C11D017/00 C11D017/06.
- ☐ 4. 4941995. 05 Jul 88; 17 Jul 90. Natural preservative composition for wet wipes. Richards; Marc F.. 252/407; 426/655. A61F013/15.

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Term	Documents
QUATERNARY.DWPI,EPAB,JPAB,USPT,PGPB.	103312
QUAT.DWPI,EPAB,JPAB,USPT,PGPB.	21634
AMMONIUM.DWPI,EPAB,JPAB,USPT,PGPB.	353592
AMMONIUMS.DWPI,EPAB,JPAB,USPT,PGPB.	631
AMMONIA.DWPI,EPAB,JPAB,USPT,PGPB.	185086
AMMONIAS.DWPI,EPAB,JPAB,USPT,PGPB.	139
COMPOUND\$	0
COMPOUND.DWPI,EPAB,JPAB,USPT,PGPB.	1244123
COMPOUNDA.DWPI,EPAB,JPAB,USPT,PGPB.	17
COMPOUNDABILITY.DWPI,EPAB,JPAB,USPT,PGPB.	42
COMPOUNDABILITY-INDICATING.DWPI,EPAB,JPAB,USPT,PGPB.	4
(L16 AND (QUATERNARY ADJ AMMONIUM ADJ COMPOUND\$)).USPT,PGPB,JPAB,EPAB,DWPI.	4

There are more results than shown above. [Click here to view the entire set.](#)

[Previous Page](#)
[Next Page](#)

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L3: Entry 38 of 43

File: JPAB

Aug 6, 1996

PUB-NO: JP408196461A  
DOCUMENT-IDENTIFIER: JP 08196461 A  
TITLE: ANTIBACTERIAL WIPER

PUBN-DATE: August 6, 1996

## INVENTOR-INFORMATION:

NAME

COUNTRY

NAKAMURA, KENJI

## ASSIGNEE-INFORMATION:

NAME

COUNTRY

NAKAMURA KENJI

APPL-NO: JP07027390

APPL-DATE: January 23, 1995

INT-CL (IPC): A47 K 7/00; A47 K 7/00; A01 N 59/16; A47 L 13/17; A61 L 2/16

## ABSTRACT:

PURPOSE: To keep an antiseptic property effective on the wiped part and an antibacterial property preventing mold for a long time, by impregnating the base of a wiper with silver based inorganic antibacterial fine particles, using modified chitosan collagen modified with fatty acid, as a stable homogeneous dispersion for water.

CONSTITUTION: An ion-exchange silver based inorganic compound, such as silver zeolite, silver phosphoric acid zirconium, silver apatite and so on, is used as silver based inorganic antibacterial chemicals. To disperse the inorganic antibacterial chemicals stably in water dispersion, a wiper, whose base is impregnated with a water dispersed liquid including a modified fusible chitosan collagen of 0.05-5% by weight produced by modifying chitosan and collagen with fatty acid, should be used for a human being. Another wiper, whose base includes silver inorganic antibacterial chemicals using a mixed liquid including protective colloid of more than 0.05% by weight, a detergent of more than 0.05% by weight, and ethylene glycol of more than 0.1% by weight in addition to the modified chitosan collagen a dispersing stabilizer, should be used as an objective wiper.

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Search Results - Record(s) 1 through 1 of 1 returned.

- ☐
1. 20020022050 . 22 Dec 00. 21 Feb 02. Wiper containing a controlled-release anti-microbial agent. Anderson, Ralph L., et al. 424/443; 424/617 424/618 424/661 A61K009/70 A61K033/24 A61K033/38 A61K033/14.

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Term	Documents
HYCAR.DWPI,EPAB,JPAB,USPT,PGPB.	1969
HYCARS.DWPI,EPAB,JPAB,USPT,PGPB.	2
RLP.DWPI,EPAB,JPAB,USPT,PGPB.	590
RLPS.DWPI,EPAB,JPAB,USPT,PGPB.	40
RESIN.DWPI,EPAB,JPAB,USPT,PGPB.	1480010
RESINS.DWPI,EPAB,JPAB,USPT,PGPB.	296762
((HYCAR ADJ RLP ADJ RESIN)).USPT,PGPB,JPAB,EPAB,DWPI.	1
((HYCAR ADJ RLP ADJ RESIN)).USPT,PGPB,JPAB,EPAB,DWPI.	1

[Previous Page](#)

[Next Page](#)